

				ATTY. DOCKET NO. 1522.0030004		ICATION NO. 276,820	
	I NEOPMAT I	FORM PTO-1449  ION DISCLOSURE STAT	EMENT	APPLICANT Harrington <i>et al</i> .			
	THI OKIDAT	TON PIOCESSONE STATE	<u> LALIVI</u>	FILING DATE March 26, 1999	GROL 1632		
			U.	S. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
msh	AA1	5,024,939	06/18/1991	Gorman	435	69.1	09/25/1987
,	AB1	5,272,071	12/21/1993	Chappel	435	172.3	05/28/1992
	AC1	5,547,933	08/20/1996	Lin	514	8	06/07/1995
	AD1	5,561,053	10/01/1996	Crowley	435	69.1	08/05/1994
	AE1	5,578,461	11/26/1996	Sherwin et al.	435	69.1	08/05/1993
	AF1	5,580,734	12/03/1996	Treco et al.	435	6	09/06/1994
	AG1	5,618,698	04/08/1997	Lin	435	69.4	06/06/1995
	AH1	5,621,080	04/15/1997	Lin	530	350	06/06/1995
	AI1	5,641,670	06/24/1997	Treco et al.	435	240.2	05/13/1994
4	AJ1	5,677,170	10/14/1997	Devine et al.	435	320.1	03/02/1994
mu	AK1	5,683,905	11/04/1997	Capon et al.	435	320.1	05/23/1995
11150	IAKI	3,003,703	<del>./</del> .			32011	03,23,1773
· · · · · · · · · · · · · · · · · · ·			FURE	EIGN PATENT DOCUMENTS	İ		I
XAMINER NITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
							Ye
-	AL1	WO 90/14092	11/29/1990	WIPO			N
		04 (044/0	02.407.41004	Luza			Ye
	AM1	WO 91/01140	02/07/1991	WIPO			Ye
	AN1	WO 91/06667	05/16/1991	WIPO			, N
							Ye
	A01	WO 92/19255	11/12/1992	WIPO		,	
			44000			400	Ye
	AP1	WO 92/20808	11/26/1992	or, Title, Date, Pertinent F			
Mm	AR	Ashe, M.P.,	et al., "Poly(	A) site selection in the HI by the downstream major spli	V-1 provirus: in	hibition of p Genes & Develo	romoter- op. 9:3008-3025
	AS			ixon trap cloning: using PCR ICl. Acids Res. 18: <b>6743-6744</b>		ect and clone.	exons from
0.	АТ	Avoustin, F	P., et al., "Non ranscribed hybr	n-homologous recombination w id sequence," <i>Mammalian Gen</i>	within the Major come 5(12):771-776	Histocompatab 5 (1994).	ility Complex
ux		1 1					
EXAMINER		Um	~		DATE CONS	IDERED OI	29/00

Page 2 of 25

### APPLICANT   INFORMATION DISCLOSURE STATEMENT		<u>.</u>				ATTY. DOCKET NO. 1522.0030004		APPLICA 09/276	ATION NO. ,820		.5
FILINE DATE   GROUP   1632			FORM P	170-1449							
U.S. PATENT DOCUMENTS	<u> 1 N</u>	FORMATIO	ON DIS	CLOSURE STATE	<u>MENT</u>	FILING DATE					
SAMPLING   DOCUMENT NUMBER   DATE   NAME   CLASS   SUB-CLASS   FILING DATE   NAME   A22   5,707,830   01/13/1998   Calos   435   69.1   04/02/1997					U.S.			1032	· · · · · · · · · · · · · · · · · · ·	-	
AA2   5,707,830   01/13/1998   Catos   435   69.1   04/02/1997	EXAMINER	[									
AR2   5,728,551   03/17/1998   Devine et al.   435   91.41   03/02/1995		ļ									
AC2   5,733,746   03/31/1998   Treco et al.   435   69.6   03/17/1995	124						+				
A02   5,733,761   03/31/1998   Treco et al.   435   172.3   05/26/1995     A62   5,783,365   07/21/1998   Treco et al.   435   6   09/06/1994     A62   5,789,215   08/04/1998   Berns et al.   435   172.3   09/06/1994     A62   5,830,698   11/03/1998   Reff et al.   435   69.1   03/14/1997     A62   5,830,698   11/03/1998   Reff et al.   435   320.1   06/10/1996     A1	<b></b>			· · · · · · · · · · · · · · · · · · ·			$\rightarrow$				
AE2   5,783,885   07/21/1998   Treco et al.   435   6   09/06/1994     AF2   5,789,215   08/06/1998   Berns et al.   435   435   69.1   08/07/1997     AG2   5,830,698   11/03/1998   Reft et al.   435   435   69.1   08/14/1997     AH2   5,843,772   12/01/1998   Devine et al.   435   320.1   06/10/1996     AI   AK   FOREIGN PATENT DOCUMENTS     EXAMINER INITIAL   DOCUMENT NUMBER   DATE   COUNTRY   CLASS   SUB-CLASS   TRANSLATION     AI   AL   NO. 93/00232   05/13/1993   UIPO   VIPO   NAM2   NO. 94/12659   06/09/1994   WIPO   NAM2   NO. 94/12659   06/09/1994   NIPO   NAM2   NO. 95/31560   11/23/1995   VIPO   NAM2   NO. 95/31560   11/23/1995   VIPO   NO.     AR   AR   Barker, C.S., et al., "Activation of the Prolactin Receptor Gene by Promoter Insertion in a Moloney Murine Leukemia Virus-Induced Rat Thymoma," J. Virol. 66(11):6763-6768 (1992).    AND   AI   No. 95/31560   No. 1/23/1995   VIPO   No.     AR   Barker, C.S., et al., "Activation of the Prolactin Receptor Gene by Promoter Insertion in a Moloney Murine Leukemia Virus-Induced Rat Thymoma," J. Virol. 66(11):6763-6768 (1992).    AI   AI   AI   No.	<del>  </del>					· · · · · · · · · · · · · · · · · · ·	+				
AF2   5,789,215   08/04/1998   Berns et al.   435   172.3   08/07/1997		AD2			· · · · · · · · · · · · · · · · · · ·		+				
AG2 5,850,698 11/03/1998 Reff et al. 435 69.1 03/14/1997  AI		AE2	5,78	3,385	07/21/1998	Treco et al.			6	09/	06/1994
AI		AF2	5,789	9,215	08/04/1998	Berns et al.	435		172.3	08/	07/1997
AI AJ AJ AK FOREIGN PATENT DOCUMENTS  EXAMINER INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION YES NO.  ALZ UN 93/40222 05/13/1993 WIPD YES NO.  AND WO 94/12650 06/09/1994 WIPD YES NO.  AND AND AND THE COUNTRY CLASS SUB-CLASS TRANSLATION YES NO.  AND THE AND THE COUNTRY CLASS SUB-CLASS TRANSLATION YES NO.  AND THE AND THE COUNTRY CLASS SUB-CLASS TRANSLATION YES NO.  THE AND THE COUNTRY CLASS SUB-CLASS TRANSLATION YES NO.  THE AND THE COUNTRY CLASS SUB-CLASS TRANSLATION YES NO.  THE AND THE COUNTRY CLASS SUB-CLASS TRANSLATION YES NO.  THE AND THE COUNTRY CLASS SUB-CLASS TRANSLATION YES NO.  THE AND THE COUNTRY CLASS SUB-CLASS TRANSLATION YES NO.  THE AND THE COUNTRY CLASS SUB-CLASS TRANSLATION YES NO.  THE AND THE COUNTRY CLASS SUB-CLASS TRANSLATION YES NO.  THE AND THE COUNTRY CLASS SUB-CLASS TRANSLATION YES NO.  THE COUNTRY CLASS SUB-CLASS TRANSLATION YES NO.  THE CLASS SUB-CLASS TRANSLATION YES NO.  THE COUNTRY CLASS SUB-CLASS TRANSLATION YES NO.  THE CLASS SUB-CLASS TRANSLATION YES NO.	1 0	AG2	5,830	0,698	11/03/1998	Reff et al.	435		69.1	03/	14/1997
FOREIGN PATENT DOCUMENTS  EXAMINER INITIAL  DOCUMENT NUMBER DATE COUNTRY  AL2 Un 03/09222 05/13/1993 UIPO Yes No.  AN2 Un 04/12650 06/09/1994 UIPO Yes No.  AN2 No 04/12650 06/09/1994 UIPO No.  AN2 No 04/12650 06/09/1994 UIPO Yes No.  AN2 RE 2 707-001 01/06/1995 France No.  OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  AR 2 Barker, C. S., et al., "Activation of the Prolactin Receptor Gene by Promoter Insertion in a Moloney Murine Leukemia Virus-Induced Rat Thymoma," J. Virol. 66(11):6763-6768 (1992).  AT 2 Brikun, I., et al., "Analysis of CRP-Cyte Interactions at the Escherichia coli udp Promoter," J. Bacteriology 178(6):1614-1622 (March 1996).  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw Line through	77.74	AH2	5,843	3,772	12/01/1998	Devine et al.	435		320.1	06/	10/1996
FOREIGN PATENT DOCUMENTS  EXAMINER INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION  A12 Un 93/09222 05/13/1993 HIPO Yes No Yes No Yes No ANZ NO 71893/74 06/39/1994 HIPO Yes No Yes No Yes No ANZ NO 71893/74 06/39/1994 Austrelia Yes No Yes No ANZ NO 71893/74 06/39/1994 Austrelia Yes No Yes No ANZ NO 71893/74 06/39/1994 Austrelia Yes No OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  AR 2 Barker, C.S., et al., "Activation of the Prolactin Receptor Gene by Promoter Insertion in a Moloney Murine Leukemia Virus-Induced Rat Thymoma," J. Virol. 66(II):6763-6768 (1992).  AS 2 Black, A.C., et al., "HITLV-II Rex Binding and Activity Requires an Intact Splice Donor Site and a Specific RNA Secondary Structure," AIDS Res. & Human Retroviruses 8:870 (1992).  AT 2 Brikun, I., et al., "Analysis of CRP-CytR Interactions at the Escherichia coli uclp Promoter," J. Bacteriology 178(6):1614-1622 (March 1996).  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw Line through		AI					<u> </u>				
FOREIGN PATENT DOCUMENTS  EXAMINER INITIAL  DOCUMENT NUMBER DATE  COUNTRY  CLASS  SUB-CLASS  TRANSLATION  Yes No.  Yes No.  AN2 NO.93/090202  05/13/1993  UIPO  AN2 NO.93/090202  05/13/1993  UIPO  AN2 NO.93/090202  05/13/1993  UIPO  AN2 NO.95/1560  AN2 NO.95/1994  AN2 NO.95/31560  AN2 NO.95/31560  II/23/1995  UIPO  OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  AR  Barker, C.S., et al., "Activation of the Prolactin Receptor Gene by Promoter Insertion in a Moloney Murine Leukemia Virus-Induced Rat Thymoma," J. Virol. 66(11):6763-6768 (1992).  AS  Black, A.C., et al., "Activation of the Prolactin Receptor Gene by Promoter Insertion in a Moloney Murine Leukemia Virus-Induced Rat Thymoma," J. Virol. 66(11):6763-6768 (1992).  AS  Black, A.C., et al., "Analysis of CRP-CytR Interactions at the Escherichia coli udp Promoter," J.  Bacteriology 178(6):1614-1622 (March 1996).  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw Line through		AJ									<u>-</u>
EXAMINER INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION  A12 NO 93/09222 05/13/1993 NIPO YES NO YES NO AM2 NO 94/12650 06/09/1994 NIPO YES NO AM2 AU /1893/94 06/36/1994 Australia YES NO AM2 AU /1893/94 O6/36/1995 France NO YES NO OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  AR 2 Barker, C.S., et al., "Activation of the Prolactin Receptor Gene by Promoter Insertion in a Moloney Murine Leukemia Virus-Induced Rat Thymoma," J. Virol. 66(11):6763-6768 (1992).  AT 2 Black, A.C., et al., "Activation of the Prolactin Receptor Gene by Promoter Insertion in a Specific RNA Secondary Structure," AIDS Res. 8 Human Retroviruses 8:870 (1992).  EXAMINER: DATE CONSIDERED OF 2A OT DATE CONSIDERE		AK									
INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION  AL2 UD 93/00222 05/1371993 UIDD Pres  AM2 NO 94/12650 06/09/1994 UIDD Pres  AM2 AU 71893/94 06/39/1994 Australia Pres  AM2 AU 71893/94 06/39/1994 Australia Pres  AM2 AU 71893/94 06/39/1994 Australia Pres  AM2 AU 71893/95 UIDD Pres  AM2 UD 95/31560 11/23/1995 UIDD Pres  OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  AR 2 Barker, C.S., et al., "Activation of the Prolactin Receptor Gene by Promoter Insertion in a Moloney Murine Leukemia Virus-Induced Rat Thymoma," J. Virol. 66(11):6763-6768 (1992).  AS 2 Black, A.C., et al., "HILV-II Rex Binding and Activity Requires an Intact Splice Donor Site and a Specific RNA Secondary Structure," AIDS Res. & Human Retroviruses 8:870 (1992).  AT 2 Brikun, I., et al., "Analysis of CRP-CytR Interactions at the Escherichia coli udp Promoter," J. Bacteriology 178(6):1614-1622 (March 1996).  EXAMINER: Initial if reference considered, Whether or not citation is in conformance with MPEP 609. Draw line through					FORE I	GN PATENT DOCUMENTS					
ANZ NO 93/09222 05/13/1993 WIPO Yes  ANZ NO 94/12650 06/09/1994 WIPO NO  ANZ NO 71893/94 06/30/4994 Australia Yes  ANZ NO 95/31560 11/23/1995 WIPO NO  OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  AR 2 Barker, C.S., et al., "Activation of the Prolactin Receptor Gene by Promoter Insertion in a Moloney Murine Leukemia Virus-Induced Rat Thymoma," J. Virol. 66(11):6763-6768 (1992).  AS 2 Black, A.C., et al., "HILV-II Rex Binding and Activity Requires an Intact Splice Donor Site and a Specific RNA Secondary Structure," AIDS Res. & Human Retroviruses 8:870 (1992).  AT 2 Brikun, I., et al., "Analysis of CRP-CytR Interactions at the Escherichia coli udp Promoter," J. Bacteriology 178(6):1614-1622 (March 1996).  EXAMINER: Initial if reference considered, Whether or not citation is in conformance with MPEP 609. Draw Line through			DOCU	MENT NUMBER	DATE	COUNTRY	CLA	ss	SUB-CLASS	TRA	INSLATION
ANZ AU /1893/94 06/39/1994 WIPO Yes  ANZ AU /1893/94 06/39/1994 Australia Yes  AND FR 2 707 094 01/06/1995 France Yes  AP2 WO 95/31560 11/23/1995 WIPO Yes  NO  OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  AR 2 Barker, C.S., et al., "Activation of the Prolactin Receptor Gene by Promoter Insertion in a Moloney Murine Leukemia Virus-Induced Rat Thymoma," J. Virol. 66(11):6763-6768 (1992).  AS 2 Black, A.C., et al., "HILV-II Rex Binding and Activity Requires an Intact Splice Donor Site and a Specific RNA Secondary Structure," AIDS Res. & Human Retroviruses 8:870 (1992).  Brikun, I., et al., "Analysis of CRP-Cytr Interactions at the Escherichia coli udp Promoter," J. Bacteriology 178(6):1614-1622 (March 1996).  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw Line through					05 447 44007						
AN2 NO 94/12650 06/09/1994 WIPO  AN2 AU 71893/94 06/30/1994 Australia Yes  AN2 AU 71893/94 06/30/1994 Australia Yes  AN2 ER 2 707 091 01/06/1995 France No  OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  Barker, C.S., et al., "Activation of the Prolactin Receptor Gene by Promoter Insertion in a Moloney Murine Leukemia Virus-Induced Rat Thymoma," J. Virol. 66(11):6763-6768 (1992).  AS 2 Black, A.C., et al., "HTLV-II Rex Binding and Activity Requires an Intact Splice Donor Site and a Specific RNA Secondary Structure," AIDS Res. & Human Retroviruses 8:870 (1992).  Brikun, 1., et al., "Analysis of CRP-CytR Interactions at the Escherichia coli udp Promoter," J. Bacteriology 178(6):1614-1622 (March 1996).  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw Line through		ALZ	WO 9.	S/UYZZZ	05/15/1995	-WIPO					
ANZ AU /1893/94 06/36/14994 Australia No  ADZ FR 2 707 091 01/06/1995 France No  AP2 NO 95/31560 11/23/1995 NIPO Yes  NO OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  AR 2 Barker, C.S., et al., "Activation of the Prolactin Receptor Gene by Promoter Insertion in a Moloney Murine Leukemia Virus-Induced Rat Thymoma," J. Virol. 66(11):6763-6768 (1992).  AS 2 Black, A.C., et al., "HTLV-II Rex Binding and Activity Requires an Intact Splice Donor Site and a Specific RNA Secondary Structure," AIDS Res. & Human Retroviruses 8:870 (1992).  Brikun, I., et al., "Analysis of CRP-Cytr Interactions at the Escherichia coli udp Promoter," J. Bacteriology 178(6):1614-1622 (March 1996).  EXAMINER: Initial if reference considered, Whether or not citation is in conformance with MPEP 609. Draw line through		AM2 —	WO 94	<del>4/12650</del>	06/09/1994	WIPO	#				
AR 2 Black, A.C., et al., "Activation of the Prolactin Receptor Gene by Promoter Insertion in a Moloney Murine Leukemia Virus-Induced Rat Thymoma," J. Virol. 66(11):6763-6768 (1992).  AS 2 Black, A.C., et al., "HTLV-II Rex Binding and Activity Requires an Intact Splice Donor Site and a Specific RNA Secondary Structure," AIDS Res. & Human Retroviruses 8:870 (1992).  AT 2 Brikun, I., et al., "Analysis of CRP-Cytr Interactions at the Escherichia coli udp Promoter," J. Bacteriology 178(6):1614-1622 (March 1996).  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through		AN2	AU 7	1893/94	06/30/1994	Australia	<u> </u>				No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  AR  Barker, C.S., et al., "Activation of the Prolactin Receptor Gene by Promoter Insertion in a Moloney Murine Leukemia Virus-Induced Rat Thymoma," J. Virol. 66(II):6763-6768 (1992).  AS  Black, A.C., et al., "HTLV-II Rex Binding and Activity Requires an Intact Splice Donor Site and a Specific RNA Secondary Structure," AIDS Res. & Human Retroviruses 8:870 (1992).  Brikun, I., et al., "Analysis of CRP-Cytr Interactions at the Escherichia coli udp Promoter," J. Bacteriology 178(6):1614-1622 (March 1996).  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw Line through		A02	FR 2	707 091	01/06/1995	France	┿				
AR 2 Barker, C.S., et al., "Activation of the Prolactin Receptor Gene by Promoter Insertion in a Moloney Murine Leukemia Virus-Induced Rat Thymoma," J. Virol. 66(II):6763-6768 (1992).  AS 2 Black, A.C., et al., "HTLV-II Rex Binding and Activity Requires an Intact Splice Donor Site and a Specific RNA Secondary Structure," AIDS Res. & Human Retroviruses 8:870 (1992).  AT 2 Brikun, I., et al., "Analysis of CRP-CytR Interactions at the Escherichia coli udp Promoter," J. Bacteriology 178(6):1614-1622 (March 1996).  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw Line through											
Barker, C.S., et al., "Activation of the Prolactin Receptor Gene by Promoter Insertion in a Moloney Murine Leukemia Virus-Induced Rat Thymoma," J. Virol. 66(11):6763-6768 (1992).  AS 2 Black, A.C., et al., "HTLV-II Rex Binding and Activity Requires an Intact Splice Donor Site and a Specific RNA Secondary Structure," AIDS Res. & Human Retroviruses 8:870 (1992).  AT 2 Brikun, I., et al., "Analysis of CRP-Cytr Interactions at the Escherichia coli udp Promoter," J. Bacteriology 178(6):1614-1622 (March 1996).  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through		AP2	WO 9	5/31560	11/23/1995	WIPO					No
Moloney Murine Leukemia Virus-Induced Rat Thymoma," J. Virol. 66(11):6763-6768 (1992).  AS  Black, A.C., et al., "HTLV-II Rex Binding and Activity Requires an Intact Splice Donor Site and a Specific RNA Secondary Structure," AIDS Res. & Human Retroviruses 8:870 (1992).  AT  Brikun, I., et al., "Analysis of CRP-CytR Interactions at the Escherichia coli udp Promoter," J. Bacteriology 178(6):1614-1622 (March 1996).  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through				OTHER (	Including Author	, Title, Date, Pertinent Pages,	etc.)				
Specific RNA Secondary Structure," AIDS Res. & Human Retroviruses 8:870 (1992).  Brikun, I., et al., "Analysis of CRP-CytR Interactions at the Escherichia coli udp Promoter," J. Bacteriology 178(6):1614-1622 (March 1996).  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through	ukl	AR	2								in a
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through		AS	<u>2</u>	Black, A.C., Specific RNA	. <i>et al</i> ., "HTLV-I A Secondary Struc	I Rex Binding and Activity Requiture," AIDS Res. & Human Retrovi	ires a ruses	an Intac 8: <b>870</b> (	ct Splice Do (1992).	nor	Site and a
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through	aff	AT	2	Brikun, I., Bacteriology	et al., "Analysi 178(6):1614-162	s of CRP-CytR Interactions at tl 2 (March 1996).	ne Esc	cherichi	a coli udp	Prom	oter," J.
	EXAMINER				m		DATE	CONSIDE	RED OI	29	0)
											ough

Page 3 of 25

		FORM PTO-1	449		ATTY. DOCKET NO. APPLICATION NO. 1522.0030004 09/276,820  APPLICANT				
<u>I</u>	IFORMATIC	ON DISCLOS	URE STAT	<u>EMENT</u>	Harrington et al.				
				· ·	FILING DATE March 26, 1999		GROUP 1632		
				U.S.	PATENT DOCUMENTS		1032	<u> </u>	
EXAMINER									
INITIAL	-	DOCUMENT	NUMBER	DATE	NAME	CLA	\SS	SUB-CLASS	FILING DATE
	AA AB								
	AC								
	AD								
	AE								
	AF								
	AG	ļ							
	АН								
	AI								
	AJ	<del> </del>				-		<b></b>	
	AK			FORT	ON PATENT POOLINEUR				
EXAMINER		Γ		FOREI	GN PATENT DOCUMENTS	-T		<u> </u>	
INITIAL		DOCUMENT	NUMBER	DATE	COUNTRY	CLA	ss	SUB-CLASS	TRANSLATION
		06 404	204	03 (45 (400)					Yes
· · ·	AL3	WO-96/043	<del>&gt;&gt;+</del>	02/15/1996	WIPO		<del></del> ,		Yes
	AM3	WO 96/294	11	09/26/1996	WIPO				No
7	AN3	EP 0 742	285 A1	11/13/1996	Europe				Yes No
M	A03	WO 98/146	514 A1	04/09/1998	WIPO				Yes No
M	AP3	WO 99/073	89 A1	02/18/1999	WIPO				Yes No
			OTHER (	Including Author	, Title, Date, Pertinent Pages,	etc.)			
m	AR	3 Bucl	kler, A	J., et al., "Exon Proc. Natl. Acad.	amplification: A strategy to Sci. USA 88:4005-4009 (1991).	isolate	e mamma	lian genes b	pased on RNA
	AS	3 But1		A., et al., "Onco	genes in Human Leukemias," Acta	а Наета	tologic	a 78(supp1.	1):2-10
m	AT	3 But 1		A., and Gale, R.P	., "Oncogenes and Human Leukem	ias,"	Intl. J.	. Cell Clonii	ng 6(1): <b>2-24</b>
EXAMINER			M	d		DATE	CONSIDE	RED DI	29/00
EXAMINER: Init	ial if r in conf	reference of formance ar	considere	ed, whether or no onsidered. Inclu	t citation is in conformance w de copy of this form with next	ith MPI commu	EP 609. nication	Draw line n to Applica	through nt.

Page 4 of 25

					ATTY. DOCKET NO. APPLICATION NO. 1522.0030004 09/276,820					
			PTO-1449		APPLICANT Harrington et al.				_	
<u> </u>	IFORMAT I	ON DIS	CLOSURE STATE	<u>EMENT</u>	FILING DATE March 26, 1999	-	GROUP 1632			
	<del> </del>			U.S.	PATENT DOCUMENTS				<del></del>	
EXAMINER INITIAL		DOCI	MENT NUMBER	DATE	NAME	CLA	cc	CUD CLASS	CILING DATE	
INITIAL	AA	DOCO	MENI NUMBER	DATE	NAME	CLA	33	SUB-CLASS	FILING DATE	
	AB		<del></del>					<del></del>		
	AC									
	AD	ļ								
	AE					_ _				
	AF	ļ	·			_				
	AG	ļ								
	AH	-								
	AI	-	<u> </u>							
	AK	<del> </del>				-				
,	7.1.			FORE I	GN PATENT DOCUMENTS	<u> </u>				
EXAMINER										
INITIAL	1	DOCU	MENT NUMBER	DATE	COUNTRY	CLA	SS	SUB-CLASS	TRANSLATION	
m	AL4	WO 9	9/15650 A1	04/01/1999	WIPO				Yes No	
	АМ								Yes No	
	AN								Yes No	
	AO	†							Yes No	
	10					_			Yes	
	AP							l	No	
	<del></del>		OTHER (	Including Author	, Title, Date, Pertinent Pages	, etc.)	<del></del>	· .— · · · · · · · · · · · · · · · · · ·		
m	AR	<u>4</u>	Chakraborty, promoters ar (1991).	, A.K., et al., " nd is enhanced by	Transforming function of proto specific point mutations," <i>Pr</i>	-ras ge oc. Nat	nes dep	pends on het 1. Sci. USA 8	erologous 38:2217-2221	
	AS	4	Chang, W., 6 Virol. 193:7	et al., "Enrichme 37-747 (1993).	ent of Insertional Mutants Foll	owing R	etrovii	rus Gene Tra	p Selection,"	
cent -	AT	<u>4</u>	Chow, WY., mutations,"	, and Berg, D.E., Proc. Natl. Acad	"Tn5tac1, a derivative of tra . <i>Sci. USA 85:</i> 6468-6472 (1988).	nsposor	n Tn5 th	nat generate	es conditional	
EXAMINER				m		DATE	CONSIDE	RED DI 2	9 0	
	EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.									

Page 5 of 25

				ATTY. DOCKET NO. APPLICATION NO. 1522.0030004 09/276,820				
		FORM PTO-1449		APPLICANT Harrington et al.				
<u>. 11</u>	FORMATIC	ON DISCLOSURE STATE	<u>=MENI</u>	FILING DATE March 26, 1999		GROUP 1632		
			U.S.	PATENT DOCUMENTS				
EXAMINER		DOCUMENT NUMBER	DATE	NAME	CLA	100	SUB-CLASS	EILING DATE
INITIAL	AA	DOCUMENT NUMBER	DATE	NAPIE	101	133	SUB-CLASS	FILING DATE
	AB				+			
	AC	1			$\top$			
	AD							
	AE			_				
	AF							
	AG							
	АН				$\perp$			
	AI			·				
	AJ							
	AK							
			FOREIG	GN PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLA	155	SUB-CLASS	TRANSLATION
	AL							Yes No
	AM							Yes No
	AN							Yes No
	AO							Yes No
	AP				1		,	Yes No
	I AF	OTHER (	Including Author	, Title, Date, Pertinent Pages,	etc 1			1 10
		OTHER	Thetdamy Addition,	, Titte, bate, reftment rages,		<u>'</u>		
uf	AR	5 Church, D.M exon amplif	., et al., "Isola ication," <i>Nature</i> (	tion of genes from complex sour Genetics 6:98-105 (1994).	ces o	f mammal	lian genomic	: DNA using
	AS	5 homologous	, and Cowman, A.F and nonhomologous 4 (July 1996).	., "Characterization of promote recombination in <i>Plasmodium fa</i>	ers and Icipar	d stable	e transfecti oc. Natl. Ad	i <b>on by</b> cad. Sci. USA
	АТ		., et al., "Speci Res. 22(20):4148-	fic isolation of 3'-terminal ex -4153 (1994).	ons ó	f human	genes by ex	on trapping,"
EXAMINER			0,/29/00		DATE	CONSIDE	RED MY	
				ot citation is in conformance winde copy of this form with next				

Page 6 of 25

				ATTY. DOCKET NO. APPLICATION NO. 1522.0030004 09/276,820				
		FORM PTO-1449		APPLICANT Harrington et al.				
<u>IN</u>	IFORMATIC	N DISCLOSURE STAT	<u>EMENT</u>	FILING DATE March 26, 1999		GROUP 1632		
		<del></del>	U.S.	PATENT DOCUMENTS				<del></del>
EXAMINER	:							
INITIAL	AA	DOCUMENT NUMBER	DATE	NAME	CLAS	SS	SUB-CLASS	FILING DATE
	AB							
	AC							
	AD							
	AE							
P	AF							
	AG			-				
	AH							
	AI		<del> </del>					
	AJ							
	AK		FOREIG	ON PATENT DOCUMENTS				
EXAMINER	<u> </u>			A TATENT DOGGLENTO	T	T		
INITIAL	ļ	DOCUMENT NUMBER	DATE	COUNTRY	CLAS	ss	SUB-CLASS	TRANSLATION
	AL							Yes No
	АМ							Yes No
	AN							Yes No
	AO							Yes No
					1			Yes No
1	AP	OTHER	(Including Author	Title, Date, Pertinent Pages,	etc )	l		NO
		OTHER	(Thetading Author,	Title, bate, refillent rages,				
al	AR	6 Datson, N.A multiple ex	, et al., "Scann cons in a single p	ing for genes in large genomic roduct," <i>Nucl. Acids Res. 24</i> :11	region: 05-1111	s: cosm   (March	id-based ex 1996).	on trapping of
	AS	<u>6</u> De Benedett foreign ger	i, A., and Rhoads es in mammalian c	, R.E., "A novel BK virus-based ells," <i>Nucl. Acids Res. 19</i> :1925	d episo -1931 (	mal vec (1991).	tor for exp	pression of
7	AT	<u>6</u> Dickson, C. Cellular Ge	, et al., "Tumori ne in the Common	genesis by Mouse Mammary Tumor Integration Region int-2," Cell	Virus: 37:529	Provir 9-536 (*	al Activati 1984).	on of a
EXAMINER			0./29/00		DATE (	CONSIDER	RED M	
EXAMINER: Init	ial if r	eference consider	ed, whether or no	t citation is in conformance wi de copy of this form with next	ith MPE commun	P 609. ication	Draw line to Applica	

					ATTY. DOCKET NO. APPLICATION NO. 1522.0030004 09/276,820				
***			TO-1449	MENT	APPLICANT Harrington et al.				
<u>1 N</u>	FORMATIC	N D120	CLOSURE STATE	<u>MENI</u>	FILING DATE March 26, 1999		GROUP 1632		
				U.S.	PATENT DOCUMENTS				<del></del>
EXAMINER INITIAL		DOCUM	MENT NUMBER	DATE	NAME	CL/	ıss	SUB-CLASS	FILING DATE
	AA								
	АВ								
	AC					_			
	AD								_
	AE	ļ							
	AF								
	AG AH	<del> </del>					·· · · ·	<u>                                     </u>	
	AI								
-	AJ								
	AK								
				FOREIC	N PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUM	MENT NUMBER	DATE	COUNTRY	CLA	iss	SUB-CLASS	TRANSLATION
	AL								Yes No
									Yes
<del>_</del>	AM								· Yes
	AN						· · · · · · · · · · · · · · · · · · ·		No Yes
	AO								No Yes
	АР								No
			OTHER (	Including Author,	Title, Date, Pertinent Pages,	etc.)			
m	AR	7	Dostatni, N. Papillomavir	., et al., "Use o us," J. Gen. Vird	f Retroviral Vectors for Mappin pl. 69:3093-3100 (1988).	ng of :	Splice S	Sites in Cot	ctontail Rabbit
	AS	<u>z</u>	Promotion an	H., et al., "Cand Progression dur	cer Genes by Non-Homologous Rev ing Carcinogenesis, Sudilovsky,	combina	ation," et al.,	In: <i>Boundar</i> eds., Plenu	ries between m Press, New
at a	АТ	<u>7</u>	Duyk, G.M., in cloned ma	<i>et al.</i> , "Exon tr mmalian genomic	apping: A genetic screen to id DNA," Proc. Natl. Acad. Sci. US	entify A 87:8	candida 995-899	ate transcr	bed sequences
EXAMINER	7	M	O	1/29/00		DATE	CONSIDE	ERED O	29/00
EXAMINER: Init	ial if r	referen formand	nce considere	ed, whether or no onsidered. Inclu	t citation is in conformance w de copy of this form with next	ith MP commu	EP 609. nicatio	Draw line n to Applica	through

Page 8 of 25

				ATTY. DOCKET NO. APPLICATION NO. 1522.0030004 09/276,820				
•••		FORM PTO-1449		APPLICANT Harrington et al.			•	
<u>1 N</u>	IFUKMATIL	ON DISCLOSURE STAT	EMENI	FILING DATE March 26, 1999		GROUP 1632		
====			U.S.	PATENT DOCUMENTS	÷			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLA	ss	SUB-CLASS	FILING DATE
1111111	AA	DOGGNERY RONDER	1		1 327		000 02,000	J. L. L. W. L.
	AB					•		
	AC					_		
	AD							
	AE		_					
<del>-</del>	AF	7-7-						<u>,</u> -
	AG		1		_			***
	AH		<del> </del>					
<u></u>	AI		+					
	AJ AK	<u> </u>	+		-			
· · · · ·	I AK		FOREIG	GN PATENT DOCUMENTS				
EXAMINER	T		TOKET	UN PATENT DOCUMENTS	<del>-   -</del>			
INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLA	ss	SUB-CLASS	TRANSLATION
	AL				ļ			Yes No
								Yes No
	AM							Yes
<u> </u>	AN							No Yes
<del> </del>	AO							No Yes
, in the second second	AP							No.
		OTHER	(Including Author	, Title, Date, Pertinent Pages	, etc.)			
ml	AR	8 Frankel, W murine cel	., et al., "Retrov . line," <i>Proc. Nat</i>	riral insertional mutagenesis o 1. Acad. Sci. USA 82: <b>6600-6604</b>	of a ta (1985)	rget al	lele in a he	terozygous
	AS	8 Fujisawa, leukemia v	JI., et al., "Fu irus type I by a t	unctional activation of the lor trans-acting factor," Proc. Nat	ng term :1. Acad	inal rep 1. Sci.	oeat of huma USA 82: <b>2277</b> -	n T-cell 2281 (1985).
m m	АТ	8 Fung, YK Basis for	.T., et al., "Acti Induction of Eryth	vation of the Cellular Oncoger nroblastosis by Avian Leukosis	ne c- <i>eri</i> Virus,	oB <b>by</b> L1 " <i>Cell</i> 3	R Insertion 33: <b>357-368</b> (	: Molecular 1983).
EXAMINER		(	WK		DATE	CONSIDE	RED O	29/00
EXAMINER: Init	ial if r	reference consider	red, whether or no	ot citation is in conformance wide copy of this form with nex	with MP t commu	EP 609. nicatio	Draw line n to Applica	through

Page 9 of 25

									. 430 / 01 22
					ATTY. DOCKET NO. 1522.0030004		APPLIC 09/276	ATION NO. .820	
		FORM P	TO-1449		APPL I CANT			,	
. <u>IN</u>	FORMATIO	N DISC	LOSURE STATE	<u>MENT</u>	Harrington et al. FILING DATE		GROUP	<del> </del>	
					March 26, 1999		1632		
	r	<del>.                                      </del>		U.S.	PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUM	IENT NUMBER	DATE	NAME		CLASS	SUB-CLASS	FILING DATE
	AA								
	AB								
	AC		<del></del>						
	AD				<u> </u>				
	AE				,				
	AF				<del></del>				
	AG	ļ							
	AH								
	AI				<u> </u>	<del></del>			
	AJ								
	AK			500514	ON DATENT DOCUMENTS				
EVANINED	1	T	· · · · · ·	FUREIT	GN PATENT DOCUMENTS			1	1
EXAMINER INITIAL		DOCUM	ENT NUMBER	DATE	COUNTRY		CLASS	SUB-CLASS	TRANSLATION
									Yes
•	AL								No Yes
	AM								No.
	AN			:					Yes No
	Air								Yes
	AO	-							No.
	AP			:					Yes No
			OTHER (	Including Author	, Title, Date, Pertir	nent Pages, et	c.)		
					-				
a i	İ								
M	AR	2	Goff, S.P.,	"Gene Isolation	by Retroviral Taggin	g," Meth. Enzy	mology 152	2:469-481 (1	987).
	ŀ								
<del>}</del>			<del></del>		<del></del>	-,-,			
	AS	2			vation of a cellular	onc gene by p	romoter in	nsertion in	ALV-induced
1	1	_	tymphora tec	ikosis," Nature 2	90:475-480 (1981).				
,									
J/									
0		_	Jackson, I	J., "A reappraisa	il of non-consensus m	RNA splice sit	tes," Nucl	. Acids Res.	19(14): <b>3795</b> -
Inc	AT	2	3798 (1991).			·			
Coll				4					
EXAMINER				mh		DA	TE CONSIDE	RED OI	29/00
EXAMINER: Init	ial if r	eferer	nce considere	ed, whether or no	ot citation is in con	formance with	MPEP 609.	Draw line	through
citation if not	in cont	rormano	e and not co	msiderea. Inclu	de copy of this form	with next con	municatio	i to Apptica	ant.

						ATTY. DOCKET NO. 1522.0030004		APPLICA 09/276	ATION NO. ,820		age 10 01 23
-			то-1449			APPLICANT Harrington <i>et al</i> .					
<u>IN</u>	FORMAT I O	N DISC	CLOSURE STATE	MENT	F	FILING DATE March 26, 1999		GROUP 1632			
				U.S.		TENT DOCUMENTS					
EXAMINER		DOCUM	ACNT NUMBER	DATE	I.,,	ur.		cc	CUD-CLA	<u>,                                    </u>	IL INC DATE
INITIAL	AA	DOCOR	MENT NUMBER	DATE	NAN	<u> 16                                   </u>	CLA	33	SUB-CLAS	3   [	ILING DATE
	AB										
	AC							_			
	AD										
	AE	•			ļ		$\bot$			_	
	AF	ļ <u>.</u>		-						_	
	AG				1		-				
<del></del>	AH	-			$\vdash$	· · · -				+	
	AI				$\vdash$		<del> </del>				
	AK			•	$\vdash$		+				
	7.0.4		· ·	FOREIG	GN P	ATENT DOCUMENTS					
EXAMINER INITIAL		DOCUM	MENT NUMBER	DATE		JNTRY	CLA	ss	SUB-CLAS	S T	RANSLATION
	AL										Yes No
	AM										Yes No
	AN										Yes No
							1			_	Yes
	AO						-				No Yes
	AP	ļ									No
			OTHER (	Including Author,	, Ti	tle, Date, Pertinent Pages,	etc.)	-			
m	AR .	10	Joshi, S., ' Hypoth. 36:2	'A Putative Appro 42-245 (1991).	oach	for Cloning 'Silent' Genes	Using	Retrovi	ral Vect	ors,"	Med.
	AS	<u>10</u>	Joyner, A.L. Mammalian De	, "Gene Targetin evelopment," <i>BioE</i>	n <b>g a</b> i Essaj	nd Gene Trap Screens Using E $ys$ $13:649-656$ (1991).	mbryo	nic Stem	n Cells:	New A	pproaches to
(n)	AT	<u>10</u>	1704, 1705 a	et al., "Sequenc and 1706 with res J. Gen. Virol. 72.	spec	nalysis of the herpes simple t to their origin and effect 11-2315 (1991).	x viru on t	us type ne later	1 strain	17 v iated	ariants   transcript
EXAMINER			^	N De			DATE	CONSIDE	RED OL	29	(00)
EXAMINER: Init citation if not	AMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through tation if not in conformance and not considered. Include copy of this form with next communication to Applicant.										

Page 11 of 25

					ATTY. DOCKET NO. APPLICATION NO. 1522.0030004 09/276,820			
T.N.			TO-1449	MENT	APPLICANT Harrington et al.			
110	FURMATIO	N DIS	CLOSURE STATE	<u>:MENI</u>	FILING DATE March 26, 1999	GROUP 1632	-	
				U.S.	PATENT DOCUMENTS	<del></del>		
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA							
	АВ							
	AC							
	AD					<u> </u>		
	AE					<u> </u>	<del></del>	
•	AF							
	AG	<u> </u>						
	AH					<u> </u>	-	
	AI					<b>—</b>	<u></u>	
	AK	<u> </u>						
	700			FOREIG	GN PATENT DOCUMENTS	_ L	1	
EXAMINER	Ι							
INITIAL		DOCU	MENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL							Yes No
								Yes
	AM							No Yes
	AN							No Yes
	AO							No
	AP							Yes No
			OTHER (	Including Author	, Title, Date, Pertinent Pages,	etc.)	<del></del>	
m	AR	<u>11</u>	King, W., et 228:554-558	tal., "Insertion (1985).	Mutagenesis of Embryonal Carci	noma Cells I	by Retrovirus	ses," Science
	AS	<u>11</u>	Kreissig, S. Acids Res. 2	., et al., "Expre 4:4358-4359 (Nov	ssion of peptides encoded by ex ember 1996).	ons in clon	ed mammalian	DNA," Nucl.
m	АТ	<u>11</u>	junction fra	and Jolicoeur, P. agment in several ISA 81:38-42 (1984	, "Rearrangement of a DNA seque Moloney murine leukemia virus- 4).	nce homolog induced rat	ous to a cell thymomas," /	l-virus Proc. Natl.
EXAMINER	•			ulp		DATE CONSID	DERED ON	28 (0)
EXAMINER: Init	ial if r	efere	nce considere	ed, whether or no	ot citation is in conformance winde copy of this form with next	th MPEP 609	. Draw line	through
Citation II not	III cont	or man	ce and not co	maidered. Inclu	ide dopy of citta form with flext	- Johanna (Tout)	to Append	· · · · · · · · · · · · · · · · · · ·

Page 12 of 25

APPLICANT INFORMATION DISCLOSURE STATEMENT  RETINING DATE  WARE  U.S. PATENT DOCUMENTS   U.S. PATENT DOCUMENTS   U.S. PATENT DOCUMENTS   U.S. PATENT DOCUMENTS   EXAMINER  MITTIAL  AA  AB  AC  AO  AO  AC  AN  AG  AN  AC  AN  AC  AN  AC  AN  AC  AN  AC  AC			-:-		ATTY. DOCKET NO. 1522.0030004		CATION NO. 6,820	
FILTING DATE  U.S. PATENT DOCUMENTS  U.S. PATENT DOCUMENTS  EXAMINER  U.S. PATENT DOCUMENTS  SUB-CLASS FILING DATE  NAME  CLASS SUB-CLASS FILING DATE  LASS SUB-CLASS FILING DATE  OCHANIAN AND SUB-CLASS FILING DATE  CLASS SUB-CLASS FILING DATE  AND SUB-CLASS TRANSLATION  YES NO  AND SUB-CLASS SUB-CLASS TRANSLATION  YES NO  AND SUB-CLASS TRANSLATION  YES N		i	FORM PTO-1449					
U.S. PATENT DOCUMENTS  U.S. PATENT DOCUMENTS  SUB-CLASS FILING DATE  AAA  AB  AB  AC  AC  AD  AE  AF  AF  AF  AG  AN  AI  AI  AJ  AX  BOUMENT NUMBER DATE  FOREION PATENT DOCUMENTS  EXAMINER  NO  AN  AN  AN  AN  AN  AN  AN  AN  AN	<u>I N</u>	FORMATIO	N DISCLOSURE STAT	<u>EMENT</u>	FILING DATE		,	
INITIAL  AA  AA  AA  AA  AB  AC  AD  AC  AC  AC  AC  AC  AC  AC  AC		<u> </u>		U.S.		1,1002		
AA AB AB AB AC AC AC AC AC AC AC AC AC AC AC AC AC								
AS AC AC AD AC AC AC AC AC AC AC AC AC AC AC AC AC	INITIAL	^^	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AC AD AB AE AF AF AG AN AN AN AN AN AN AN AN AN AN AN AN AN						<del> </del>		
AE  AF  AG  AG  AN  AI  AI  AJ  AX  FOREIGN PATENT DOCUMENTS  EXAMINER INITIAL  DOCUMENT NUMBER DATE  COUNTRY  CLASS SUB-CLASS TRANSLATION  Yes No  AM  Yes No  AN  OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  AR  12  Liang, Y., et al., "Effects of Alternate RNA Splicing on Glucokinase Isoform Activities in the Pancreatic Islet, Liver, and Pituitary," J. Biol. Chem. 266(11):6999-7007 (1991).  AS  12  Lin, CJ., et al., "Rapid identification and isolation of transcriptionally active regions from mouse genomes," Gene 164:289-294 (1995).  EXAMINER  O. AR  DATE CONSIDERED A A 57						<u> </u>		
AF AG AG AH AH AI AI AI AI AI AI AI AI AI AI AI AI AI		AD		·				
AG AN AN AI AJ AJ AK FOREIGN PATENT DOCUMENTS  EXAMINER INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION YES NO AM AN AN AN AN AN AN AN AN AN AN AN AN AN		AE						
AN AI AI AI AX FOREIGN PATENT DOCUMENTS  EXAMINER INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION YES NO AM Y		AF						
AI AJ AJ AN FOREIGN PATENT DOCUMENTS  EXAMINER INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION  FOREIGN PATENT DOCUMENTS  CLASS SUB-CLASS TRANSLATION  Yes No Yes No AM Yes No Yes No AM AN AN AN AN AN AN AN AN AN AN AN AN AN		AG						
EXAMINER  AX  POREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  TRANSLATION  Yes No Yes No AN  AN  OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  AR  12  Liang, Y., et al., "Effects of Alternate RNA Splicing on Glucokinase Isoform Activities in the Pancreatic Islet, Liver, and Pituitary," J. Biol. Chem. 266(11):6999-7007 (1991).  AS  12  Lih, CJ., et al., "Rapid identification and isolation of transcriptionally active regions from mouse genomes," Gene 164:289-294 (1995).  EXAMINER  OTAL OTAL OTAL OTAL OTAL OTAL OTAL OTAL		AH		-				
FOREIGN PATENT DOCUMENTS  EXAMINER INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION  AL PYES NO YES NO AN PARMINER NO AND PATENT DOCUMENT PROPERTY OF THE PARMINER NO AND PARMINER NO AND PARMINER NO AND PARMINER NO AND PARMINER NO AND PARMINER NO AND PARMINER NO AND PARMINER PARMINER PARMINER DOCUMENT, "The E6 Gene of Human Papillomavirus Type 16 Is Sufficient for Transformation of Baby Rat Kidney Cells in Cotransfection with Activated Ha-ras," Virology 201:388-396 (1994).						·		
FOREIGN PATENT DOCUMENTS  EXAMINER INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION  AL Yes No Yes No AM Yes No Yes No AM Yes No AM Yes No AM AP AP APPLICATION ARE APPLICATED AND APPLICATION ARE APPLICATED AND APPLICATION ARE APPLICATED AND APPL						<u> </u>		
EXAMINER    DOCUMENT NUMBER   DATE   COUNTRY   CLASS   SUB-CLASS   TRANSLATION		AK		II	EN PATENT DOCUMENTS			
AL DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION  AL YES NO Y	FXAMINER			TOKETO	IN TATERT DOCOMENTS			
AN Yes No  AN Yes No  AN Yes No  OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  Liang, Y., et al., "Effects of Alternate RNA Splicing on Glucokinase Isoform Activities in the Pancreatic Islet, Liver, and Pituitary," J. Biol. Chem. 266(11):6999-7007 (1991).  AS 12 Lih, CJ., et al., "Rapid identification and isolation of transcriptionally active regions from mouse genomes," Gene 164:289-294 (1995).  AT 12 Liu, Z., et al., "The E6 Gene of Human Papillomavirus Type 16 Is Sufficient for Transformation of Baby Rat Kidney Cells in Cotransfection with Activated Ha-ras," Virology 201:388-396 (1994).			DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AN STATE THE SECONSIDERED OF Many Considered with Activated Ha-ras," Virology 201:388-396 (1994).  Yes No OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  AR 12 Liang, Y., et al., "Effects of Alternate RNA Splicing on Glucokinase Isoform Activities in the Pancreatic Islet, Liver, and Pituitary," J. Biol. Cham. 266(11):6999-7007 (1991).  AS 12 Lih, CJ., et al., "Rapid identification and isolation of transcriptionally active regions from mouse genomes," Gene 164:289-294 (1995).  AT 12 Liu, 2., et al., "The E6 Gene of Human Papillomavirus Type 16 Is Sufficient for Transformation of Baby Rat Kidney Cells in Cotransfection with Activated Ha-ras," Virology 201:388-396 (1994).		Δι	*					
AR 12 Liang, Y., et al., "Effects of Alternate RNA Splicing on Glucokinase Isoform Activities in the Pancreatic Islet, Liver, and Pituitary," J. Biol. Chem. 266(11):6999-7007 (1991).  AS 12 Lih, CJ., et al., "Rapid identification and isolation of transcriptionally active regions from mouse genomes," Gene 164:289-294 (1995).  AT 12 Liu, Z., et al., "The E6 Gene of Human Papillomavirus Type 16 Is Sufficient for Transformation of Baby Rat Kidney Cells in Cotransfection with Activated Ha-ras," Virology 201:388-396 (1994).								Yes
AT 12 Liu, Z., et al., "Rapid identification and isolation of transcriptionally active regions from mouse genomes," Gene 164:289-294 (1995).  AT 12 Liu, Z., et al., "The E6 Gene of Human Papillomavirus Type 16 Is Sufficient for Transformation of Baby Rat Kidney Cells in Cotransfection with Activated Ha-ras," Virology 201:388-396 (1994).		AM						Yes
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  AR 12 Liang, Y., et al., "Effects of Alternate RNA Splicing on Glucokinase Isoform Activities in the Pancreatic Islet, Liver, and Pituitary," J. Biol. Chem. 266(11):6999-7007 (1991).  AS 12 Lih, CJ., et al., "Rapid identification and isolation of transcriptionally active regions from mouse genomes," Gene 164:289-294 (1995).  AT 12 Liu, Z., et al., "The E6 Gene of Human Papillomavirus Type 16 Is Sufficient for Transformation of Baby Rat Kidney Cells in Cotransfection with Activated Ha-ras," Virology 201:388-396 (1994).		AN				<u> </u>		
AR  12 Liang, Y., et al., "Effects of Alternate RNA Splicing on Glucokinase Isoform Activities in the Pancreatic Islet, Liver, and Pituitary," J. Biol. Chem. 266(11):6999-7007 (1991).  AS  12 Lih, CJ., et al., "Rapid identification and isolation of transcriptionally active regions from mouse genomes," Gene 164:289-294 (1995).  AT  12 Liu, Z., et al., "The E6 Gene of Human Papillomavirus Type 16 Is Sufficient for Transformation of Baby Rat Kidney Cells in Cotransfection with Activated Ha-ras," Virology 201:388-396 (1994).  EXAMINER  OLDER  DATE CONSIDERED OLDER OF MICH.		AO	-				_	
AR 12 Liang, Y., et al., "Effects of Alternate RNA Splicing on Glucokinase Isoform Activities in the Pancreatic Islet, Liver, and Pituitary," J. Biol. Chem. 266(11):6999-7007 (1991).  AS 12 Lih, CJ., et al., "Rapid identification and isolation of transcriptionally active regions from mouse genomes," Gene 164:289-294 (1995).  AT 12 Liu, Z., et al., "The E6 Gene of Human Papillomavirus Type 16 Is Sufficient for Transformation of Baby Rat Kidney Cells in Cotransfection with Activated Ha-ras," Virology 201:388-396 (1994).  EXAMINER DATE CONSIDERED OF TAILORD		AP						
Pancreatic Islet, Liver, and Pituitary," J. Biol. Chem. 266(11):6999-7007 (1991).  AS 12 Lih, CJ., et al., "Rapid identification and isolation of transcriptionally active regions from mouse genomes," Gene 164:289-294 (1995).  AT 12 Liu, Z., et al., "The E6 Gene of Human Papillomavirus Type 16 Is Sufficient for Transformation of Baby Rat Kidney Cells in Cotransfection with Activated Ha-ras," Virology 201:388-396 (1994).			OTHER (	Including Author,	Title, Date, Pertinent Pages,	etc.)		
Lih, CJ., et al., "Rapid identification and isolation of transcriptionally active regions from mouse genomes," Gene 164:289-294 (1995).  AT 12 Liu, Z., et al., "The E6 Gene of Human Papillomavirus Type 16 Is Sufficient for Transformation of Baby Rat Kidney Cells in Cotransfection with Activated Ha-ras," Virology 201:388-396 (1994).  EXAMINER DATE CONSIDERED OF 201:388-396 (1994).		AR	12 Liang, Y., Pancreatic	et al., "Effects of Islet, Liver, and	of Alternate RNA Splicing on Glu Pituitary," <i>J. Biol. Chem. 266(</i>	cokinase I 11):6999-70	soform Activi 007 (1991).	ties in the
Baby Rat Kidney Cells in Cotransfection with Activated Ha-ras," Virology 201:388-396 (1994).  EXAMINER  DATE CONSIDERED OF 29 00		AS .	12 Lih, CJ., mouse genom	et al., "Rapid i es," <i>Gene 164</i> : <b>289</b>	dentification and isolation of t -294 (1995).	ranscripti	onally active	e regions from
The Oiled	m	AT	12 Liu, Z., et Baby Rat Ki	al., "The E6 Gen dney Cells in Cot	e of Human Papillomavirus Type 1 ransfection with Activated Ha- $ra$	6 Is Suffi es," Virolo	cient for Tra gy 201:388-39	ensformation of 6 (1994).
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through	EXAMINER		ush	01/28/5	υ	DATE CONSI	DERED OI	200
citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	EXAMINER: Init	ial if r	reference consider	t citation is in conformance with	h MPEP 609	. Draw line on to Applica	through	

						TY. DOCKET NO. 22.0030004		APPLIC 09/276	ATION NO. ,820	
		FORM PT				PLICANT Prington <i>et al.</i>				
. <u>IN</u>	FORMATIC	ON DISC	LOSURE STATE	<u>EMENT</u>	FIL	ING DATE 10h 26, 1999		GROUP 1632		
				U.S.	. PATE	NT DOCUMENTS				
EXAMINER INITIAL		DOCUM	ENT NUMBER	DATE	NAME		CLA	ss	SUB-CLASS	FILING DATE
	AA						1 2 2			
	AB									
	AC									
	AD	ļ				·				
	AE	ļ		· ·	-		-			
	AF				<del>                                     </del>		- -			
	AG				+	<del></del>				
	AH	<del> </del>					-			
	AJ	<del> </del>			+	··	+			
·	AK	<del> </del>	······································		1		1			
	7110	I		FOREIG	GN PAT	ENT DOCUMENTS	1			
EXAMINER		<u> </u>			T					_
INITIAL		DOCUM	ENT NUMBER	DATE	COUNT	TRY	CL/	SS	SUB-CLASS	TRANSLATION
	AL						1			Yes No
		<del>                                     </del>	-							Yes
	AM				<del> </del>					No
	AN									Yes No
	AO		-							Yes No
			-							Yes
	AP	l	OTHER (	Including Author	Ti+1	o Data Partinant Pages	otc.			No
			UTHER (	Including Author	, 1111	e, Date, Pertinent Pages,	etc.,	<del> </del>		
Jm	AR	<u>13</u>	Mölders, H., activation b	, et al., "Integr by promoter inser	ration rtion,	of transfected LTR seque " <i>EMBO J. 4(3)</i> :6 <b>93-698 (1</b> 9	nces i	nto the	c- <i>raf</i> proto	-oncogene:
	AS	<u>13</u>	Moore, R., 6 oncogene act	et al "Sequence tivated by mouse	e, topo mamma	ography and protein coding ry tumour virus," <i>EMBO J</i> .	g pote 5(5):	ntial of 119-924	f mouse <i>int-</i> (1986).	2: a putative
Jen Jen	ΑΤ	<u>13</u>	Müller, R., novel strate	and Müller, D.,	"Co-t ction	ransfection of normal NIH of potential c- <i>onc</i> genes,	/3T3 D '' <i>EMBO</i>	NA and   J. 3(5)	retroval LTF 0:1121-1127	sequences: a (1984).
EXAMINER				ugh			DATE	CONSIDE	RED O1	29/00
EXAMINER: Init	ial if r	referen formanc	ce considere	ed, whether or no onsidered. Inclu	ot cit ude co	ation is in conformance w py of this form with next	ith MP commu	EP 609. nicatio	Draw line n to Applica	through int.

			-		ATTY. DOCKET NO. 1522.0030004		APPLIC. 09/276	ATION NO. ,820	
		FORM F	PTO-1449		APPLICANT				
<u>I N</u>	FORMATIC	N DIS	CLOSURE STATE	<u>MENT</u>	Harrington <i>et al</i> .  FILING DATE	<u>-</u>	GROUP		
					March 26, 1999		1632		
EVANTUED		Τ		U.S.	PATENT DOCUMENTS	<del></del>		I	
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	NAME	CLA	ss	SUB-CLASS	FILING DATE
	AA .	ļ							
	AB			· · · · · · · · · · · · · · · · · · ·					
	AC	<u> </u>							
	AD	1				+			
	AE AF								
	AG								
	AH	<b></b>							
	AI								
	AJ								
	AK								
				FOREIC	N PATENT DOCUMENTS				
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	COUNTRY	CLA	ss	SUB-CLASS	TRANSLATION
									Yes
	AL					_			No Yes
	AM								No Yes
	AN		150.00						No.
	AO					<u></u>			Yes No
	AP								Yes No
		<u> </u>	OTHER (	Including Author,	, Title, Date, Pertinent Pages	etc.)			
m	AR	<u>14</u>	Muth, K., et Embryonic St	t al., "Disruptio tem Cells," <i>Devel</i>	n of Genes Regulated During He op. Dynamics 212:277-283 (June	matopo 1998).	ietic Di	ifferentiati	on of Mouse
	AS	<u>14</u>			ar Analysis of the c-myc Locus $Virol.~44(1):$ 158-166 (1982).	in No	rmal Tis	ssue and in	Avian Leukosis
Cush	AT	<u>14</u>	Nicolas, J. Cloning Vect	ors and Their Use	ein, J.L.R., "Retroviral Vectores, Rodriguez, R.L., et al., ec	s," In ls., Bu	: Vector	rs: A Survey ths Publs.,	of Molecular Stoneham, MA,
EXAMINER	<u> </u>	_		abl		DATE	CONSIDE	RED O	20/99
EXAMINER: Init	ial if i	refere forman	nce considere ce and not co	ed, whether or no onsidered. Inclu	ot citation is in conformance wade copy of this form with next	ith MP	EP 609. nicatio	Draw line n to Applica	through

Page 15 of 25

	ATTY. DOCKET NO. APPLICATION NO. 1522.0030004 09/276,820										
			то-1449			ICANT ington et al.					
<u>IN</u>	FORMATIC	ON DISC	CLOSURE STATE	<u>:MENT</u>	FILI	NG DATE h 26, 1999		GROUP 1632	•	,	
			<del></del>	U.S.		DOCUMENTS					
EXAMINER ,											
INITIAL	AA	DOCUI	MENT NUMBER	DATE	NAME		CLA	SS	SUB-CLASS	FILING DATE	
	AB	-	·			<del> </del>	+				
	AC				<u> </u>	· · · · · · · · · · · · · · · · · · ·	1			-	
	AD										
	AE										
	AF				ļ						
	AG				ļ .						
	AH	ļ			<del> </del>						
	AI				<u> </u>						
	AJ AK	<del> </del>			<del> </del>		-				
	I AK			FORE I	GN PATE	NT DOCUMENTS		_			
EXAMINER	Ι	I		TORET	I TATE	NT BOOMENTO					
INITIAL		DOCU	MENT NUMBER	DATE	COUNTR	Υ	CLA	ss	SUB-CLASS	TRANSLATION	
	AL									Yes No	
	AL	<del> </del> -		-	<u> </u>		+			Yes	
	АМ									No	
	AN								_	Yes No	
	AO									Yes No	
			<del></del>	-						Yes	
	AP					Date Date Date				No.	
			OTHER (	Including Author	, Title	, Date, Pertinent Pages,	etc.)				
m	AR	<u>15</u>	Nilsen, T.W. and Promoter (1985).	, et al., "c-erb Insertion Resul	B Activ lt in Ex	ration in ALV-Induced Ery opression of an Amino-Tru	throbl ncated	astosis d EGF Re	: Novel RNA eceptor," <i>Ce</i>	Processing 211 41:719-726	
	AS	<u>15</u>	Niwa, H., et of Gene-Trap	tal., "An Effici Events," J. Bio	ient Gen ochem. 1	ne-Trap Method Using Poly $13:$ 343-349 (1993).	A Tra	p Vecto	ors and Char	racterization	
7	АТ	<u>15</u>	Nottenburg, Structure of (1986).	C., and Varmus, f c <i>-myc</i> RNA in No	H.E., " ormal Ce	Features of the Chicken	<b>c</b> -myc ," Mo	Gene Th	nat Influenc Biol. 6(8)	ee the :2800-2806	
EXAMINER				M		·	DATE	CONSIDE	RED OI	22/00	
EXAMINER: Init	AMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through tation if not in conformance and not considered. Include copy of this form with next communication to Applicant.										

Page 16 of 25

	ATTY. DOCKET NO. APPLICATION NO. 1522.0030004 09/276,820											
			PTO-1449		APPLICANT Harrington et al.			-				
IN	FORMATIC	N DIS	CLOSURE STATE	<u>EMENT</u>	FILING DATE March 26, 1999		GROUP 1632					
				U.S.	PATENT DOCUMENTS							
EXAMINER		DOCU	MENT NUMBER	DATE	NAME			SUB-CLASS	ET! TNC	DATE		
INITIAL	AA	DOCO	MENT NUMBER	DATE	NAME	CLA	33	SUB-CLASS	FILING	DATE		
	AB									***		
	AC											
	AD	ļ	<del></del>			$\bot$						
	AE	ļ										
	AF											
	AG		<u> </u>									
	AH AI			<del></del>								
	AJ					_						
	AK											
				FOREI	GN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	COUNTRY	CLA	ss	SUB-CLASS	TRANSL	ATION		
	AL									Yes No		
			- · ·			-				Yes		
_	АМ		<del>.,.</del>							No Yes		
	AN									No Yes		
	AO	_				+				No		
	AP									Yes No		
			OTHER (	Including Author	, Title, Date, Pertinent Pages,	etc.)						
m	AR	<u>16</u>	Nouvel, P., (1994).	"The mammalian ç	genome shaping activity of reve	rse tra	anscrip	tase," Genet	ica 93:	191-201		
	AS	<u>16</u>	Nusse, R., ' 2:244-247 (1		of cellular oncogenes by retrov	iral ir	nsertio	n," Trends i	n Genet	ics		
m	AT	<u>16</u>	Identified b	oy Provirus Taggi	Cellular Oncogene Activation by ing," In: Cellular Oncogenes Act pp. 95-119 (1988).	Insert ivatio	tion of n, Klei	Retroviral n, G., ed.,	DNA; Ge Marcel	enes		
EXAMINER		$\gamma$	(fly	01/22/10		DATE	CONSIDE	RED C	128/10	ಉ		
EXAMINER: Init	ial if r	refere forman	nce considere	ed, whether or no onsidered. Inclu	ot citation is in conformance w ude copy of this form with next	th MPE	P 609. nication	Draw line n to Applica	through	)		

1

. . .

		FORM P	то-1449		15	ATTY. DOCKET NO. 1522.0030004 APPLICATION NO. 09/276,820				
<u>IN</u>	FORMATIO	ON DISC	CLOSURE STATE	<u>EMENT</u>	FI	rrington <i>et al</i> .		GROUP		
<del> </del>				11.5		rch 26, 1999 ENT DOCUMENTS		1632		
EXAMINER				0.3.	1	ENT BOCONENTO				
INITIAL	ļ	DOCU	MENT NUMBER	DATE	NAME		CI	ASS	SUB-CLASS	FILING DATE
	AA	$\vdash$			<del> </del>				<del>                                     </del>	
<u> </u>	AB AC				<del> </del>	· <del>····································</del>			<del></del>	
<u>-</u>	AD				<del> </del> -					
	AE					·-				
	AF									
	AG									
	AH .									
	AI				ļ		-			
	AJ	ļ								
	AK	<u></u>								
	1	1		FOREIC	GN PA	TENT DOCUMENTS	<del></del>		1	
EXAMINER INITIAL		DOCUM	IENT NUMBER	DATE	COUN	TRY	CL	.ASS	SUB-CLASS	TRANSLATION
	1									Yes
	AL	<del> </del>	-		-					No
	АМ									Yes No
	AN									Yes No
	AO									Yes No
	45									Yes No
	AP		OTHER (I	ncluding Author	Ti+l	e, Date, Pertinent Pag	nes etc	`		l No
			OTHER (1	netualing Author,	, , , , , , ,	e, bate, referrence ray	ges, etc.	<u>,                                     </u>		
M	AR	<u>17</u>	Payne, G.S., bursal lymph	, et al., "Multip nomas," <i>Nature 29</i> .	ole ar 95: <b>209</b>	rrangements of viral DN -215 (1982).	NA and an	activat	ed host onco	gene in
	AS	<u>17</u>	Peters, G., for Provirus	et al., "Tumorig S Integration in	genesi Mamma	s by Mouse Mammary Tur ary Tumors," <i>Cell 33:</i> 36	mor Virus 59-377 (19	: Eviden 983).	ce for a Com	mon Region
cut the	AT	<u>17</u>	efficiency o	of expression vec	ctors	ect of various introns in various cultured of $40:169-178$ (1995).	and tran	scriptio and in	n terminator the mammary	s on the gland of
EXAMINER				agh			DATE	CONSIDE	RED 61/2	१००
EXAMINER: Init	ial if r	refere	nce considere	ed, whether or no	ot cit	tation is in conformand	ce with M	PEP 609. unicatio	Draw line	through

Page 18 of 25

ATTY. DOCKET NO. APPLICATION NO. 1522.0030004 09/276,820									
TM		FORM PTO-1449 ON DISCLOSURE STAT	EMENT	APPLICANT Harrington et al.					
114	<u>FORMAT TO</u>	N DISCLOSORE STAT	<u> LPILIU I</u>	FILING DATE March 26, 1999		ROUP 532			
			U.S.	PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE		
	AA								
	AB								
	AC								
	AD								
	AE								
	AF								
	AG								
	AH								
	AI				+				
	AJ AK								
	AN	l	FOREIG	GN PATENT DOCUMENTS					
EXAMINER			TORET	GN PATENT DOCOMENTS					
INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
	AL			V.			Yes No		
	AM						Yes No		
							Yes No		
	AN						Yes		
	AO						No Yes		
	AP						No		
		OTHER (	Including Author	, Title, Date, Pertinent Pages,	etc.)				
M	-AR	18 Reinhart, T from Sooty	.A., et al., "RNA Mangabey Monkeys,	Splice Site Utilization by Sin Virology 224:338-344 (October	nian Immu 1, 1996	nodeficiency Vir	uses Derived		
	AS	Robinson, W Carcinoma,"	.S., "Molecular E Annu. Rev. Med.	Events in the Pathogenesis of He $45:297-323$ (1994).	epadna∨i r	rus-Associated He	patocellular		
m	АТ	Salminen, M 18 Active in D 333 (June 1	ifferentiated Emb	ient Poly A Trap Approach Allow pryonic Stem Cells and in Mouse	s the Ca Embryos,	pture of Genes S " Develop. Dynam	pecifically ics 212:326-		
EXAMINER			uze		DATE CO	NSIDERED OI	29/00		
EXAMINER: Init	ial if r	eference consider	ed, whether or no onsidered. Inclu	ot citation is in conformance w ude copy of this form with next	ith MPEP	609. Draw line	through		

Page 19 of 25

	ATTY. DOCKET NO. APPLICATION NO. 1522.0030004 09/276,820										
7.11			TO-1449	MENT	APPLICANT Harrington et al.						
<u> 1N</u>	FURMATIO	N DISC	CLOSURE STATE	<u>INEN I</u>	FILING DATE March 26, 1999		GROUP 1632				
				U.S.	PATENT DOCUMENTS						
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	NAME	CLA	ıss	SUB-CLASS	FILING DATE		
	AA										
	AB			-							
	AC					$\bot$					
	AD										
	AE		<del></del>								
	AF										
	AG					+					
	AH							<u>                                     </u>	-		
	AI				,						
	AJ AK					+					
	I AK			EODE I	ON PATENT DOCUMENTS			l			
EXAMINER	1	Ι		FOREIG	IN PATENT DOCUMENTS	$\top$					
INITIAL		DOCUM	MENT NUMBER	DATE	COUNTRY	CLA	ss	SUB-CLASS	TRANSLATION		
	AL								Yes No		
	АМ								Yes No		
	AN							· · · · · · · · · · · · · · · · · · ·	Yes No		
						1			Yes		
	AO			<u> </u>		<del> </del>		L	No Yes		
	AP							<u> </u>	No		
			OTHER (	Including Author,	Title, Date, Pertinent Pages,	etc.)					
M	AR .	19	Segal, D., 6 Transpositio	et al., "Genetic n," Somatic Cell	Transformation of Drosophila Ce and Mol. Genetics 22(2):159-16	lls ir 5 (Mar	n Cultur ch 1996	e by P Elem ).	ent-Mediated		
	AS	<u>19</u>	Shen-Ong, G. Plasmacytoic	L.C., et al., "A d Lymphosarcomas,	ctivation of the c-myb Locus by " Science 226:1077-1080 (1984).	⁄Vira	l Insert	ional Mutag	enesis in		
m	AT	19	Shen-Ong, G. Mol. Cell. B	L.C., et al., "T iol. 6(2):380-392	wo Modes of c- <i>myb</i> Activation in 2 (1986).	n Viru	s-Induce	ed Mouse Mye	loid Tumors,"		
EXAMINER				M		DATE	CONSIDE	RED OI	29/00		
EXAMINER: Init	ial if r	efere	nce considere	ed, whether or no onsidered. Inclu	t citation is in conformance w de copy of this form with next	ith MP commu	EP 609. nicatio	Draw line n to Applica	through ant.		

				ATTY. DOCKET NO. APPLICATION NO. 1522.0030004 09/276,820				
		FORM PTO-1449		APPLICANT Harrington et al.				
<u> 1N</u>	IFORMATIC	ON DISCLOSURE STATI	<u>-MENI</u>	FILING DATE March 26, 1999		GROUP 1632		
	-		U.S.	PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLA	99	SUB-CLASS	FILING DATE
INITIAL	AA	DOCUMENT NUMBER	DATE	MAPIL	1027		30B CLA33	FIEING DATE
	АВ							
	AC	·						
	AD				_			
	AE							
	AF				_		 	
	AG							
	AH			- w				
	AI							
· · · · · · · · · · · · · · · · · · ·	AJ AK	· · · · · · ·			+			
	I AK		FORFIC	GN PATENT DOCUMENTS	!			
EXAMINER					T.,		0117 01 400	TRANSI ATTON
INITIAL	<u> </u>	DOCUMENT NUMBER	DATE	COUNTRY	CLA	.55	SUB-CLASS	TRANSLATION Yes
	AL							No Yes
	АМ				_ _			No No
	AN							Yes No
	AO							Yes No
	AP							Yes No
		OTHER (	Including Author,	Title, Date, Pertinent Pages,	etc.)		·	
m	AR	20 Shin, S., a aberrant sp	nd Steffen, D.L., licing in murine	"Frequent activation of the $1\sigma$ leukemia virus-induced rat lymp	ck geno ohomas	e by pro	omoter inser gene 8:141-1	tion and 49 (1993).
	AS	20 Simpson, K. Cells," <i>Mol</i>	, et al., "Stable . Cell. Biol. 16:5	Episomal Maintenance of Yeast 5117-5126 (September 1996).	Artif	icial Ch	nromosomes i	n Human
M	AT	20 Epstein-Bar	and Sarasin, A., r virus-SV40 hybr 73:1679-1685 (199	"Simian virus 40 (SV40) large in id shuttle vector integrated in P2).	antigothe	gen-depe e human	endent ampli HeLa cell s	fication of an genome, $J$ .
EXAMINER			Am		DATE	CONSIDE	RED DI	19 (D)
EXAMINER: Init	ial if i	reference consider	ed, whether or no onsidered. Inclu	t citation is in conformance wi de copy of this form with next	th MPI	EP 609.	Draw line n to Applica	through

APPLICANT INFORMATION DISCLOSURE STATEMENT  NATIONAL DISCLOSURE STATEMENT  U.S. PATENT DOCUMENTS  EXAMINER INITIAL  AA  AB  AC  AC				<u> </u>			ATTY. DOCKET NO. 1522.0030004		APPLIC 09/276	ATION NO. ,820		
FILLING DATE  WARCH 26, 1999  U.S. PATENT DOCUMENTS  EXAMINER INITIAL  AA  AB  AB  AC  AD  AB  AF  AG  AI  AI  AI  AI  AI  AI  AI  AI  AI	••				'AAFAIT			_	-		•	
EXAMINER  OCCUMENT NUMBER DATE NAME CLASS SUB-CLASS FILING DATE  NAME CLASS SUB-CLASS FILING DATE  NAME CLASS SUB-CLASS FILING DATE  NAME CLASS SUB-CLASS FILING DATE  NAME CLASS SUB-CLASS FILING DATE  FILING DATE  NAME CLASS SUB-CLASS FILING DATE  COUNTRY CLASS SUB-CLASS TRANSLATION  FOREIGN PATENT DOCUMENTS  EXAMINER INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION  NOTIFIC (Including Author, Title, Date, Pertinent Pages, etc.)  OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  AR 21 Steffen, D., "Proviruses are adjacent to c-Myc in some murine leukenia virus-induced lymphomas," Proc. Natl. Acad. Sci. USA 81:2097-2101 (1994).  AS 21 Sun, T9., et al., "Mature Genetics 6:33-41 (1994).  AT 21 Takani, Y., et al., "Cloning and Characterization of Human Papillomavirus Type 52 From Cervical Carcinoma in Indonesie," Int. J. Cancer 48:516-522 (1991).	. <u>IN</u>	IFUKMA I I C	N DIS	LLUSURE_STATE	<u>:MENI</u>		FILING DATE			* <u>*</u>		
INITIAL  AA  AA  AB  AC  AC  AC  AC  AC  AC  AC			-		U.S.							
AA AB AB AB AB AC AC AC AC AC AC AC AC AC AC AC AC AC			DOCU	MENT NUMBER	DATE	NA	ME	CLA	ss	SUB-CLASS	FILIN	IG DATE
AC  AD  AE  AF  AG  AH  AI  AI  AI  AI  AI  AI  AI  AI  AI		AA										
AR  AR  AR  AR  AR  AR  AR  AR  AR  AR		АВ										
AE  AF  AG  AG  AH  AI  AI  AJ  AK  FOREIGN PATENT DOCUMENTS  EXAMINER INITIAL  DOCUMENT NUMBER  DATE  COUNTRY  CLASS  SUB-CLASS  TRANSLATION  Yes NO  AN  AN  AN  AN  AN  AN  AN  AN  AN		AC										
AF AG AG AH AH AI AI AJ AJ AJ AX FOREIGN PATENT DOCUMENTS  EXAMINER INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION Yes No Yes No AN AN AN AN AN AN AN AN AN AN AN AN AN		AD						<u> </u>			<u> </u>	
AG AR AR AI AJ AJ AX FOREIGN PATENT DOCUMENTS  EXAMINER INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION  Yes No AM Yes No AM Yes No AM Yes No AM AN AN AM AN AN AM AN AM AN AN AM AN AN AM AN AN AM AN AN AM AN AN AM AN AN AN AN AM AN AN AN AM AN AN AN AN AN AN AN AN AN AN AN AN AN		AE	<u> </u>			_		1				<del></del>
AN AI AI AI AI AI AX FOREIGN PATENT DOCUMENTS  EXAMINER INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION Yes No AM Yes No AM Yes No AM Yes No AM Yes No AM Yes No AM Yes No AM Yes No AM Yes No AM Yes No AM Yes No AM Yes No AM AP Yes No AM AP Yes No AM AP Yes No AM AP Yes No AM AP Yes No AM AP Yes No AM AP Yes No AM AP Yes No AM AP Yes No AM AP Yes No AM AP Yes No AM AP Yes No AM AR 21 Steffen, D., "Proviruses are adjacent to c-myc in some murine leukemia virus-induced lymphomas," Proc. Natl. Acad. Sci. USA 81:2097-2101 (1984).  AS 21 Sun, TO., et al., "Human artificial episomal chromosomes for cloning large DNA fragments in human cells," Nature Genetics 8:33-41 (1994).  AT 21 Takami, Y., et al., "Cloning and Characterization of Human Papillomavirus Type 52 From Cervical Carcinoma in Indonesia," Int. J. Cancer 48:516-522 (1991).  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw Line through		AF				┞		4				
FOREIGN PATENT DOCUMENTS  EXAMINER NITIAL  AL  AL  AN  AN  AN  AN  AN  AN  AN		AG				ļ		╁			ļ	
FOREIGN PATENT DOCUMENTS  EXAMINER INITIAL  DOCUMENT NUMBER DATE COUNTRY  AL  AN  AN  AN  AN  AN  CLASS SUB-CLASS TRANSLATION  Yes No  Yes No  AN  AN  AN  AN  OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  Steffen, D., "Proviruses are adjacent to c-myc in some murine leukemia virus-induced lymphomas,"  Proc. Natl. Acad. Sci. USA 81:2097-2101 (1984).  AS  21  Sun, TQ., et al., "Human artificial episomal chromosomes for cloning large DNA fragments in human cells," Nature Genetics 8:33-41 (1994).  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through		<del>                                     </del>	<b> </b>			┢		+			-	:
FOREIGN PATENT DOCUMENTS  EXAMINER INITIAL DOCUMENT MUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION  AL Yes No  AM Yes No  AN Yes No  AN OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  Steffen, D., "Proviruses are adjacent to c-myc in some murine leukemia virus-induced lymphomas," Proc. Natl. Acad. Sci. USA 81:2097-2101 (1984).  AS 21 Sun, TQ., et al., "Human artificial episomal chromosomes for cloning large DNA fragments in human cells," Nature Genetics 8:33-41 (1994).  EXAMINER 121 Takami, Y., et al., "Cloning and Characterization of Human Papillomavirus Type 52 From Cervical Carcinoma in Indonesia," Int. J. Cancer 48:516-522 (1991).  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through		<del>                                     </del>				$\vdash$		╁─			-	
FOREIGN PATENT DOCUMENTS  EXAMINER INITIAL  DOCUMENT NUMBER  DATE  COUNTRY  CLASS  SUB-CLASS  TRANSLATION  Yes No  Yes No  AN  AN  AN  OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  AR  21 Steffen, D., "Proviruses are adjacent to c-myc in some murine leukemia virus-induced lymphomas,"  Proc. Natl. Acad. Sci. USA 81:2097-2101 (1984).  AS  21 Sun, TQ., et al., "Human artificial episomal chromosomes for cloning large DNA fragments in human cells," Nature Genetics 8:33-41 (1994).  EXAMINER  DATE CONSIDERED  DATE CO		<u>†                                      </u>	<del> </del>	*		$\vdash$		+			<del>                                     </del>	
EXAMINER INITIAL  DOCUMENT NUMBER DATE  COUNTRY  CLASS  SUB-CLASS  TRANSLATION  Yes No  AM  AN  OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  AR  21  Steffen, D., "Proviruses are adjacent to c-myc in some murine leukemia virus-induced lymphomas," Proc. Natl. Acad. Sci. USA 81:2097-2101 (1984).  AS  21  Sun, TQ., et al., "Human artificial episomal chromosomes for cloning large DNA fragments in human cells," Nature Genetics 8:33-41 (1994).  AT  21  Takami, Y., et al., "Cloning and Characterization of Human Papillomavirus Type 52 From Cervical Carcinoma in Indonesia," Int. J. Cancer 48:516-522 (1991).  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through		AK			500514	011 5	ATTUT DOCUMENTS	<u> </u>		<u> </u>	<u>.                                    </u>	
AN AN AN AN AN AN AN AN AN AN AN AN AN A	CVAMINED				FUREIC	GN P	PATENT DOCUMENTS	T		1	Τ	
AN AN AN AN AN AN AN AN AN AN AN AN AN A	INITIAL		DOCU	MENT NUMBER	DATE	cou	UNTRY	CLA	ss	SUB-CLASS	TRANS	LATION
AN Yes No  AN Yes No  AO Yes No  OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  Steffen, D., "Proviruses are adjacent to c-myc in some murine leukemia virus-induced lymphomas," Proc. Natl. Acad. Sci. USA 81:2097-2101 (1984).  AS 21 Sun, TQ., et al., "Human artificial episomal chromosomes for cloning large DNA fragments in human cells," Nature Genetics 8:33-41 (1994).  Takami, Y., et al., "Cloning and Characterization of Human Papillomavirus Type 52 From Cervical Carcinoma in Indonesia," Int. J. Cancer 48:516-522 (1991).  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw Line through		ΔΙ										
AN AN Yes No Yes No Yes No AP OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  AR 21 Steffen, D., "Proviruses are adjacent to c-myc in some murine leukemia virus-induced lymphomas," Proc. Natl. Acad. Sci. USA 81:2097-2101 (1984).  AS 21 Sun, TQ., et al., "Human artificial episomal chromosomes for cloning large DNA fragments in human cells," Nature Genetics 8:33-41 (1994).  AT 21 Takami, Y., et al., "Cloning and Characterization of Human Papillomavirus Type 52 From Cervical Carcinoma in Indonesia," Int. J. Cancer 48:516-522 (1991).  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through		AL	<del> </del>					†				Yes
AN OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  OTHER (Including Author, Title, Date, Pertinent Pages, etc.)  AR 21 Steffen, D., "Proviruses are adjacent to c-myc in some murine leukemia virus-induced lymphomas," Proc. Natl. Acad. Sci. USA 81:2097-2101 (1984).  AS 21 Sun, TQ., et al., "Human artificial episomal chromosomes for cloning large DNA fragments in human cells," Nature Genetics 8:33-41 (1994).  Takami, Y., et al., "Cloning and Characterization of Human Papillomavirus Type 52 From Cervical Carcinoma in Indonesia," Int. J. Cancer 48:516-522 (1991).  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through		AM				-		<del> </del>				
AR 21 Steffen, D., "Proviruses are adjacent to c-myc in some murine leukemia virus-induced lymphomas," Proc. Natl. Acad. Sci. USA 81:2097-2101 (1984).  AS 21 Sun, TQ., et al., "Human artificial episomal chromosomes for cloning large DNA fragments in human cells," Nature Genetics 8:33-41 (1994).  AT 21 Takami, Y., et al., "Cloning and Characterization of Human Papillomavirus Type 52 From Cervical Carcinoma in Indonesia," Int. J. Cancer 48:516-522 (1991).  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through		AN		····				+			ļ	No
AR 21 Steffen, D., "Proviruses are adjacent to c-myc in some murine leukemia virus-induced lymphomas,"  AR 21 Sun, TQ., et al., "Human artificial episomal chromosomes for cloning large DNA fragments in human cells," Nature Genetics 8:33-41 (1994).  AT 21 Takami, Y., et al., "Cloning and Characterization of Human Papillomavirus Type 52 From Cervical Carcinoma in Indonesia," Int. J. Cancer 48:516-522 (1991).  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through		AO						ļ			ļ	
AR 21 Steffen, D., "Proviruses are adjacent to c-myc in some murine leukemia virus-induced lymphomas,"  AS 21 Sun, TQ., et al., "Human artificial episomal chromosomes for cloning large DNA fragments in human cells," Nature Genetics 8:33-41 (1994).  AT 21 Takami, Y., et al., "Cloning and Characterization of Human Papillomavirus Type 52 From Cervical Carcinoma in Indonesia," Int. J. Cancer 48:516-522 (1991).  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through		AP					•					
Sun, TQ., et al., "Human artificial episomal chromosomes for cloning large DNA fragments in human cells," Nature Genetics 8:33-41 (1994).  Takami, Y., et al., "Cloning and Characterization of Human Papillomavirus Type 52 From Cervical Carcinoma in Indonesia," Int. J. Cancer 48:516-522 (1991).  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through		<u> </u>		OTHER (	Including Author	, Ti	itle, Date, Pertinent Pages,	etc.)				
human cells," Nature Genetics 8:33-41 (1994).  AT  21  Takami, Y., et al., "Cloning and Characterization of Human Papillomavirus Type 52 From Cervical Carcinoma in Indonesia," Int. J. Cancer 48:516-522 (1991).  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through	m	AR	<u>21</u>	Steffen, D., Proc. Natl.	. "Proviruses are Acad. Sci. USA 81	e ad 1:20	ljacent to c <i>-myc</i> in some murir 197-2101 (1984).	ne le	ukemia v	virus-induc	ed lymp	ohomas,"
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through		AS	<u>21</u>	Sun, TQ., human cells,	et al., "Human a " Nature Genetic	arti	ficial episomal chromosomes f :33-41 (1994).	or c	loni <b>ng l</b>	arge DNA f	ragmeni	s in
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through	M	AT	<u>21</u>	Takami, Y., Carcinoma in	et al., "Cloning n Indonesia," <i>Int</i>	gan t.J	d Characterization of Human F . Cancer 48:516-522 (1991).	api l	lomaviru	us Type 52	From Ce	ervical
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	EXAMINER				ns			DATE	CONSIDE	RED 01	28	U)
	EXAMINER: Init	ial if i	efere forman	nce considere	ed, whether or no onsidered. Inclu	ot c ude	itation is in conformance wit copy of this form with next of	h MP	EP 609.	Draw line	through	gh

	ATTY. DOCKET NO. APPLICATION NO. 1522.0030004 09/276,820										
7.11			TO-1449	MENT	APPLICANT Harrington et al.						
<u> 1 N</u>	FORMAT TO	M DIS	CLOSURE STATE	<u>:1912 N 1                                </u>	FILING DATE March 26, 1999		GROUP 1632				
				U.S.	PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUI	MENT NUMBER	DATE	NAME	CLA	ss	SUB-CLASS	FILING DATE		
. "	AA										
	АВ							,			
	AC										
	AD					_					
	AE	· ·									
	AF										
	AG					+-					
	AH										
	AJ	<u> </u>				+					
	AK										
		1		FOREIC	ON PATENT DOCUMENTS	-		· · · · · · · · · · · · · · · · · · ·			
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	COUNTRY	CLA	ss	SUB-CLASS	TRANSLATION		
									Yes		
	AL				<u>, , , , , , , , , , , , , , , , , , , </u>	+			No Yes		
	AM					+	-		No		
	AN								Yes No		
	AO								Yes No		
	AP								Yes No		
	1.0	<u> </u>	OTHER (	Including Author.	Title, Date, Pertinent Pages,	etc.)					
۸			Jinen (	The cading maches					-		
m	AR	<u>22</u>	receptor alp	, et al, "Identif ha gene involved 939-1945 (1994).	ication of illegitimate recomb in 15;17 chromosomal transloca	nation	n hot sp of acute	oot of the r promyelocy	etinoic acid rtic leukemia,"		
	AS	<u>22</u>	Tsichlis, P. thymic lymph	.N., et al., "A c nomas," <i>Nature 30a</i>	ommon region for proviral DNA i 2:445-449 (1983).	ntegra	ation ir	n MoMuLV-ind	luced rat		
M	AT	<u>22</u>	Unger, R.E., rev, and env	, et al., "Simian mRNA," Virology	Immunodeficiency Virus (SIVmad 182:177-185 (1991).	:) Exh	ibits Co	omplex Splic	ing for tat.		
EXAMINER	•			wh		DATE	CONSIDE	RED OI	スツ		
EXAMINER: Init	XAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through itation if not in conformance and not considered. Include copy of this form with next communication to Applicant.										

Page 23 of 25

7

									Page 23 OT 25
					ATTY. DOCKET NO. 1522.0030004		APPLIC 09/276	ATION NO. 5,820	
		FORM P	то-1449		APPLICANT Harrington et al.			· ·	
<u> 1 N</u>	FORMATIC	ON DIS	CLOSURE STATE	<u>EMENT</u>	FILING DATE March 26, 1999		GROUP 1632		
				U.S.	PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUI	MENT NUMBER	DATE	NAME	CLA	ıss	SUB-CLASS	FILING DATE
	AA								
	АВ								
	AC		····					ļ	
	AD								
	AE							ļ	
	AF								
	AG								
	AH	-				-	-		
	AI							-	
	AK AK								
· · · · · · · · · · · · · · · · · · ·	I AK			FOREI	GN PATENT DOCUMENTS				
EXAMINER						1			
INITIAL		DOCU	MENT NUMBER	DATE	COUNTRY	CLA	ss	SUB-CLASS	TRANSLATION
	١,,								Yes · No
	AL				, , , , , , , , , , , , , , , , , , ,			<u> </u>	Yes
	AM	<del> </del>							No Yes
	AN								No
	AO								Yes No
	AP								Yes No
		·	OTHER (	Including Author	, Title, Date, Pertinent Page	s, etc.)	)		<u>L </u>
					,				
m	AR	<u>23</u>	van Ooyen, int-1; Prov	A., and Nusse, R. iral Insertions L	, "Structure and Nucleotide S eave the Protein-Encoding Dom	Sequence Main Int	of the	Putative Ma ell 39: <b>233</b> -2	ammary Oncogene 40 (1984).
	AS	<u>23</u>	Voss, A.K., 180 (June 19		ency Assessment of the Gene Tr	ap Appr	oach," i	Develop. Dyn	amics 212 <b>:171-</b>
m	АТ	<u>23</u>	Westphal, E Extrachromos (September	somal Persistence	System for Shuttling 200-kb BA e and Long-Term Ectopic Gene <i>F</i>	C/PAC C Activati	lones i on," <i>Hu</i>	nto Human Ce man Gene The	ells: Stable r. 9:1863-1873
EXAMINER			$\sim$	(K)		DATE	CONSIDE	ERED O.	29 (0)
EXAMINER: Init	ial if r	refere	nce consider	ed, whether or no onsidered. Inclu	ot citation is in conformance ude copy of this form with ne	with MP	EP 609.	Draw line n to Applica	through

Page 24 of 25

. <u>IN</u>			PTO-1449 CLOSURE STATE	<u>EMENT</u>	ATTY. DOCKET NO. 1522.0030004 09/276,820  APPLICANT Harrington et al.  FILING DATE GROUP 1632				
				U.S.	PATENT DOCUMENTS				
EXAMINER						T			
INITIAL	1	DOCU	MENT NUMBER	DATE	NAME	CLA	SS	SUB-CLASS	FILING DATE
	AA						_		
	AB					-			
	AC	<del> </del>		<u> </u>		_			
	AD	<u> </u>				+			
	AE AF	<del> </del>							
	AG	<del>                                     </del>							
	АН								
	AI						-		
	AJ	<b> </b>							
	AK								
				FORE I	GN PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUM	MENT NUMBER	DATE	COUNTRY	CLA	ss	SUB-CLASS	TRANSLATION
	AL								Yes No
	AM								Yes No
									Yes No
	AN								Yes
	AO	<del> </del>			And the state of t				No Yes
	AP	<u> </u>							No
lm	AR	<u>24</u>	Xiona. JW	et al "Large	Title, Date, Pertinent Pages -Scale Screening for Developmerical Entrapment Vectors," Deve	ntal G	enes in	Embryonic S 212:181-197	item Cells and (June 1998).
	AS	<u>24</u>	transforming	nd Duesberg, P.H. g gene that is di 9128-9132 (1990)	, "A retroviral promoter is su stinct from the <i>STC</i> gene of Ro	ufficie ous sare	nt to co	onvert proto rus," <i>Proc</i> .	o-src to a Natl. Acad.
m	АТ	<u>24</u>	Dialog File	351, Derwent WPI	English language abstract for	FR 2	707 091	, 1995	
EXAMINER				elf		DATE	CONSIDE	RED O	29 (W
EXAMINER: Init	ial if i	referen forman	nce considere	ed, whether or no onsidered. Inclu	ot citation is in conformance wide copy of this form with next	ith MP	EP 609. nication	Draw line n to Applica	through ant.

Page 25 of 25

								Page 23 01 23	
				ATTY. DOCKET NO. APPI 1522.0030004 09/2			PPLICATION NO. 0/276,820		
		FORM PTO-1449		APPLICANT Harrington et al.					
. <u>IN</u>	FORMAT I	ON DISCLOSURE STAT	<u>EMENT</u>	FILING DATE GROUP					
				March 26, 1999		1632	-		
	Г	T	U.S.	PATENT DOCUMENTS	<del></del>		T	T	
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLA	ss	SUB-CLASS	FILING DATE	
	AA								
,	АВ	<del></del>		· · · · · · · · · · · · · · · · · · ·			ļ		
	AC			· · · · · · · · · · · · · · · · · · ·					
	AD								
	AE						<del> </del>		
	AF								
	AG AH	<del> </del>					<u> </u>		
	AI						<del> </del>		
	AJ	<u> </u>							
	AK						1		
	•		FOREIG	ON PATENT DOCUMENTS					
EXAMINER									
INITIAL	<del> </del>	DOCUMENT NUMBER	DATE	COUNTRY	CLA	ASS	SUB-CLASS	TRANSLATION	
	AL							Yes No	
	AM							Yes No	
								Yes	
	AN	<del>                                     </del>						No Yes	
	AO		<u> </u>					No Yes	
	AP							No.	
		OTHER	(Including Author,	Title, Date, Pertinent F	ages, etc.)	)			
m	AR	25 Drug Discov	very News, "Lexico	n Genetics, Inc.," <i>Geneti</i>	c Engin. Nev	vs 19: <b>3</b> 5	6 (March 199	9).	
	AS								
m	AT								
EXAMINER		•		DATE	DATE CONSIDERED 61/29 00				
EXAMINER: Init	ial if	reference consider	red, whether or no considered. Inclu	et citation is in conformande copy of this form with	nce with MP next commu	EP 609.	Draw line on to Applica	through	

 $\dot{}$